

S/N --/--,--

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Inventor	Paul Chun-Hong Leung et al.
U.S. Patent No.	5,657,447
Issue date	August 12, 1997
Title	PLATFORM-TRANSPARENT REGISTRATION AND BUILD OF STORED PROCEDURES AND USER-DEFINED FUNCTIONS

ERRORS UPON WHICH REISSUE IS BASED

Box Patent Application  
Assistant Commissioner for  
Patents  
Washington, D.C. 20231

Dear Sir:

Supplemental to the Reissue Application Declaration submitted herewith, Applicants note the following errors upon which reissue is based:

1. With regard to amended claims 1-32, Applicants claimed less than they were entitled to claim in the patent. Specifically, the errors concern the inclusion of various limitations that unduly narrow the scope of the claim. These limitations have been either amended to use broader language or have been deleted in their entirety.

2. With regard to new claims 40-69, Applicants claimed less than they were entitled to claim in the patent. Specifically, the new claims provide a broad recitation of the Applicants' invention.

3. As one of the below-signed, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the

[illegible]

Date 3/5/99

5 March 1999  
Date

Date 3/5/99

Date \_\_\_\_\_

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Date \_\_\_\_\_

- 2 -

Date \_\_\_\_\_

Date \_\_\_\_\_

Date/

Date \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

application, any patent issued thereon, or any patent to which this declaration is directed.

\_\_\_\_\_  
Paul Chun-Hong Leung

\_\_\_\_\_  
Date

\_\_\_\_\_  
Frederick Thomas Sharp

\_\_\_\_\_  
Date

\_\_\_\_\_  
David Y. Chen

\_\_\_\_\_  
Date

\_\_\_\_\_  
Judianto Sidik

\_\_\_\_\_  
Date

\_\_\_\_\_  
John Shek-Luen Ng

\_\_\_\_\_  
Date

\_\_\_\_\_  
Morgan Young

\_\_\_\_\_  
Date

3/10/99

application, any patent issued thereon, or any patent to which this declaration is directed.

\_\_\_\_\_  
Paul Chun-Hong Leung

\_\_\_\_\_  
Date

\_\_\_\_\_  
Frederick Thomas Sharp

\_\_\_\_\_  
Date

\_\_\_\_\_  
David Y. Chen

\_\_\_\_\_  
Date

\_\_\_\_\_  
Judianto Sidik

\_\_\_\_\_  
Date

\_\_\_\_\_  
John Shek-Luen Ng

\_\_\_\_\_  
Date

\_\_\_\_\_  
Morgan Young

\_\_\_\_\_  
Date

5 March 1999

662619-2433260

**REISSUE APPLICATION DECLARATION BY THE INVENTOR**

Docket Number (Optional)  
ST9-95-032R

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,657,447, granted August 12, 1997, and for which a reissue patent is sought on the invention entitled PLATFORM-TRANSPARENT REGISTRATION AND BUILD OF STORED PROCEDURES AND USER-DEFINED FUNCTIONS, the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as reissue application number \_\_\_\_ / \_\_\_\_\_ and was amended on \_\_\_\_\_ (If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

(See attached sheet entitled "Error Upon Which Reissue Is Based")

[Page 1 of 3]

Docket Number (Optional)  
ST9-95-032R

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s)	Registration Number	Name	Registration Number
George H. Gates	33,500	Anthony J. Orler	41,232
Victor G. Cooper	39,641	Karen S. Canady	39,927

**Correspondence Address:** Direct all communications about the application to:

☐ Customer Number

Type Customer Number here

**Place Customer Number Bar  
Code Label here**

<input checked="" type="checkbox"/> Firm or Individual Name	George H. Gates				
Address	Gates & Cooper				
Address	6701 Center Drive West, Suite 1050				
City	Los Angeles	State	CA	ZIP	90045
Country	U.S.A.				
Telephone	(310) 642-4140	Fax	(310) 641-8798		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Paul Chun-Hong Leung

Inventor's signature

Date \_\_\_\_\_

3/5/99

Residence

San Jose, California

Post Office Address

7150 Calero Hills Court, San Jose, California 95139

Citizenship  
U.S.A.

Full name of second joint inventor (given name, family name)

Frederick Thomas Sharp

Inventor's signature

Date \_\_\_\_\_

5 March 1999

Residence

Menlo Park, California

Post Office Address

440 Gilbert Avenue, Menlo Park, California 94025

Citizenship  
U.S.A.

Full name of third joint inventor (given name, family name)

David Y. Chen

Date \_\_\_\_\_

Residence

San Jose, California

Post Office Address

7107 Sheehan Court, San Jose, California 95120

Citizenship  
U.S.A.

☒ Additional joint inventors are named on separately numbered sheets attached hereto.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)  
ST9-95-032R

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

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Victor G. Cooper	39,641	Karen S. Canady	39,927

Correspondence Address: Direct all communications about the application to:

☐ Customer Number

Type Customer Number here

Place Customer Number Bar  
Code Label here

☒ Firm or  
Individual Name

George H. Gates

Address

Gates & Cooper

Address

6701 Center Drive West, Suite 1050

City

Los Angeles

State

CA

ZIP

90045

Country

U.S.A.

Telephone

(310) 642-4140

Fax

(310) 641-8798

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Full name of sole or first inventor (given name, family name)

Paul Chun-Hong Leung

Inventor's signature

Date

Residence

San Jose, California

Post Office Address

7150 Calero Hills Court, San Jose, California 95139

Citizenship  
U.S.A.

Full name of second joint inventor (given name, family name)

Frederick Thomas Sharp

Inventor's signature

Date

Residence

Menlo Park, California

Post Office Address

440 Gilbert Avenue, Menlo Park, California 94025

Citizenship  
U.S.A.

Full name of third joint inventor (given name, family name)

David Y. Chen

Inventor's signature

Date

Residence

San Jose, California

Post Office Address

7107 Sheehan Court, San Jose, California 95120

Citizenship  
U.S.A.

☒ Additional joint inventors are named on separately numbered sheets attached hereto.





Inventor's signature

Date \_\_\_\_\_

**Post Office Address**

**Citizenship  
Indonesia**

John Shek-Luen Ng

Inventor's signature

Date \_\_\_\_\_

**Post Office Address**

**Citizenship  
USA**

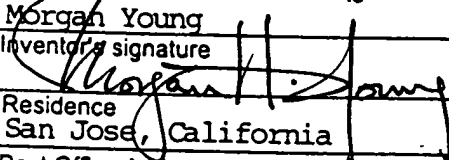
Morgan Young

Inventor's signature

Date \_\_\_\_\_

**Post Office Address**

**Citizenship  
USA**

Full name of 4th joint inventor Judianto Sidik	
Inventor's signature	Date
Residence San Jose, California	
Post Office Address 1727 Samson Court, San Jose, California 95124	
Citizenship Indonesia	
Full name of 5th joint inventor (given name, family name) John Shek-Luen Ng	
Inventor's signature	Date
Residence San Jose, California	
Post Office Address 3973 Twilight Drive, San Jose, California 95124	
Citizenship USA	
Full name of 6th joint inventor (given name, family name) Morgan Young	
Inventor's signature 	Date 5 March 1999
Residence San Jose, California	
Post Office Address 7112 Anjou Creek Circle, San Jose, California 95120	
Citizenship USA	

662070-3233260

Declaration and Power of Attorney  
for Patent Application

Docket No. ST9-95-032

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Platform-Transparent Registration And Build Of Stored Procedures And User-Defined Functions

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on August 31, 1995 as  
Application Serial No. 08/521,804 and  
was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day Month Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day Month Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day Month Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As named inventor, I hereby appoint the undersigned attorney(s) and/or agent(s) to prosecute this application and to conduct all business in the Patent and Trademark Office connected therewith. (list name and registration number)



David J. Kappos, Esq., Reg. No. 34,357; Marilyn Smith Dawkins, Esq., Reg. No. 31,140; Prentiss W. Johnson, Esq., Reg. No. 33,123; and William T. Ellis, Esq., Reg. No. 26,874.

Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX  
1100 New York Avenue, N.W.  
Suite 600  
Washington, D.C. 20005-3934

Direct Telephone Calls to:

STERNE, KESSLER, GOLDSTEIN & FOX, (202) 371-2600

Full name of sole or first inventor Paul Chun-Hong Leung	
Inventor's signature 	Date 10/23/95
Residence 7150 Calero Hills Court, San Jose, California 95139	
Citizenship U.S.A.	
Post Office Address same as residence	
Full name of second joint inventor, if any Frederick Thomas Sharp	
Second Inventor's signature 	Date 10/27/95
Residence 440 Gilbert Avenue, Menlo Park, California 94025-2926	
Citizenship U.S.A.	
Post Office Address same as residence	
Full name of third joint inventor, if any David Y. Chen	
Third Inventor's signature	Date
Residence 7107 Sheshan Court, San Jose, California 95120	
Citizenship U.S.A.	
Post Office Address same as residence	

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (//st name and registration number)

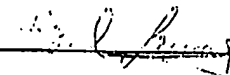
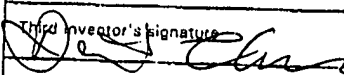
David J. Kappos, Esq., Reg. No. 34,357; Marilyn Smith Dawkins, Esq., Reg. No. 31,140; Prentiss W. Johnson, Esq., Reg. No. 33,123; and William T. Ellis, Esq., Reg. No. 26,874.

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Citizenship U.S.A.	
Post Office Address same as residence	
Full name of second joint inventor, if any Frederick Thomas Sharp	
Second Inventor's signature	Date
Residence 440 Gilbert Avenue, Menlo Park, California 94025-2928	
Citizenship U.S.A.	
Post Office Address same as residence	
Full name of third joint inventor, if any David Y. Chen	
Third Inventor's signature 	Date 10/24/95
Residence 7107 Sheehy Court, San Jose, California 95120	
Citizenship U.S.A.	
Post Office Address same as residence	



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Paul C. Leung, et al.. Assignee: I.B.M. Corporation  
U.S. Patent No.: 5,657,447  
Issued: August 12, 1997 Docket No.: ST9-95-032R  
Title: PLATFORM-TRANSPARENT REGISTRATION AND BUILD OF  
STORED PROCEDURES AND USER-DEFINED FUNCTIONS

---

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

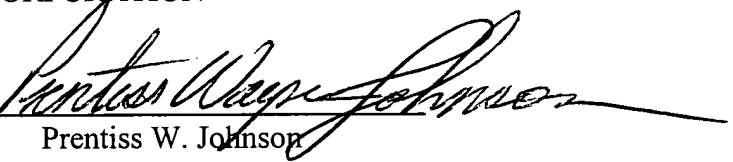
Sir:

Please recognize George H. Gates, Registration No. 33,500; Victor G. Cooper,  
Registration No. 39,641; Anthony J. Orler, Registration No. 41,232, and Karen S. Canady,  
Registration No. 39,927, of GATES & COOPER, 6701 Center Drive West, Suite 1050, Los  
Angeles, California 90045, telephone (310) 642-4140, as associate attorneys in the above-  
identified reissue application, with full power to prosecute this application and to transact all  
business in the U.S. Patent and Trademark Office connected therewith.

Respectfully submitted,

INTERNATIONAL BUSINESS MACHINES  
CORPORATION

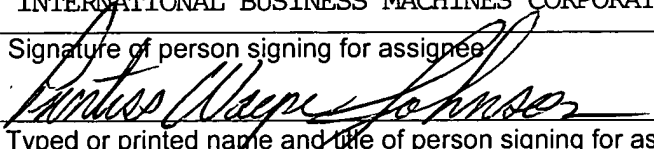
Dated: 3/26/99

By:   
Prentiss W. Johnson  
IP Law Attorney

Software Solutions Division  
Santa Teresa Laboratory  
International Business Machines  
Corporation  
555 Bailey Avenue  
San Jose, California 95141



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>REISSUE APPLICATION BY THE ASSIGNEE, OFFER TO SURRENDER PATENT</b>		Docket Number (Optional) ST9-95-032R
<p>This is part of the application for a reissue patent based on the original patent identified below.</p>		
Name of Patentee(s): Paul Chun-Hong Leung, Frederic Thomas Sharp, David Y. Chun, Judianto Sidik, John Shek-Leun Ng, Morgan Young		
Patent Number 5,657,447	Date Patent Issued August 12, 1997	
Title of Invention PLATFORM-TRANSPARENT REGISTRATION AND BUILD OF STORED PROCEDURES AND USER-DEFINED FUNCTIONS		
<p>International Business Machines Corporation is the assignee of the entire interest in the original patent.</p> <p>I offer to surrender the original patent.</p> <p><input checked="" type="checkbox"/> A certificate under 37 CFR 3.73(b) is attached.</p> <p>I am authorized to act on behalf of the assignee.</p>		
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.</p>		
Name of assignee INTERNATIONAL BUSINESS MACHINES CORPORATION		
Signature of person signing for assignee 	Date 3/26/99	
Typed or printed name and title of person signing for assignee Prentiss W. Johnson, ATTORNEY FOR INTERNATIONAL BUSINESS MACHINES CORPORATION		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### CERTIFICATE UNDER 37 CFR 3.73(b)

Applicant: Paul C. Leung, et al.

Application No.: 08/521,804 Filed: August 31, 1995

Entitled: "Platform-Transparent Registration And Build Of Stored Procedures  
And User-Defined Functions"

International Business

Machines Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7760, Frame 0194, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

3/26/99  
Date

Prentiss W. Johnson  
Signature  
Prentiss W. Johnson

Typed or printed name

ATTORNEY FOR INTERNATIONAL  
BUSINESS MACHINES CORPORATION  
Title



*fec*

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 22, 1996

PTAS  
STERNE, KESSLER, GOLDSTEIN & FOX PLLC  
DANIEL N. YANNUZZI  
1100 NEW YORK AVENUE, N. W  
SUITE 600  
WASHINGTON, D.C. 20005-3934



\*100119110A\*

*pp mql*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/31/1995

REEL/FRAME: 7760/0194  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LEUNG, PAUL CHUN-HONG

DOC DATE: 10/23/1995

ASSIGNOR:

SHARP, FREDERICK THOMAS

DOC DATE: 10/27/1995

ASSIGNOR:

CHEN, DAVID Y.

DOC DATE: 10/24/1995

ASSIGNOR:

SIDIK, JUDIANTO

DOC DATE: 10/25/1995

ASSIGNOR:

NG, JOHN SHEK-LUEN

DOC DATE: 10/26/1995

ASSIGNOR:

YOUNG, MORGAN

DOC DATE: 10/27/1995

ASSIGNEE:

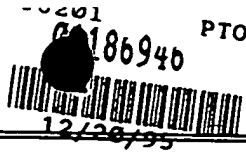
INTERNATIONAL BUSINESS MACHINES CORPORATION  
A CORP OF NY  
ARMONK, NEW YORK 10504

7760/0194 PAGE 2

SERIAL NUMBER: 08521804  
PATENT NUMBER:

FILING DATE: 08/31/1995  
ISSUE DATE:

SEDLEY PYNE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



\$400.00 381

A-11

01-22-1996



RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original 100119110

1. Name of conveying parties:

Paul Chun-Hong Leung  
Frederick Thomas Sharp  
David Y. Chen  
Judianto Sidik  
John Shek-Luen Ng  
Morgan Young

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation, a  
corporation of New York

Street Address:

City: Armonk State: NY Zip Code: 10504

Country: U.S.A.

Additional name(s) & address(es) attached? ☐ yes ☒ no

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Dates: October 23, 27, 24, 25, 26,  
and 27, 1995

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No(s)

08/521,804

B. Patent No(s)

Additional numbers attached? ☐ yes ☒ no

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

Internal Address: c/o Michael Q. Lee

Street Address: 1100 New York Ave., N.W.  
Suite 600

City: Washington State: D.C. Zip Code: 20005-3934

6. Total number of applications and patents involved

1

7. Total fee (37 C.F.R. § 3.41).....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to Deposit Account

8. Deposit Account Number: 19-0036

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true  
copy of the original document.*

Daniel N. Yannuzzi  
Name of Person Signing  
Registration No. 36,727

Signature

Date

Total number of pages including cover sheet, attachments and document 3

OMB NO. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

# ASSIGNMENT

Whereas, we

(1) <u>Paul Chun-Hong Leung</u> County of <u>Santa Clara</u>	of <u>San Jose</u> and State of <u>California</u>
(2) <u>Frederick Thomas Sharp</u> County of <u>Santa Clara</u>	of <u>Menlo Park</u> and State of <u>California</u>
(3) <u>David Y. Chen</u> County of <u>Santa Clara</u>	of <u>San Jose</u> and State of <u>California</u>
(4) <u>Judianto Sidik</u> County of <u>Santa Clara</u>	of <u>San Jose</u> and State of <u>California</u>
(5) <u>John Shek-Luen Ng</u> County of <u>Santa Clara</u>	of <u>San Jose</u> and State of <u>California</u>
and (6) <u>Morgan Young</u> County of <u>Santa Clara</u>	of <u>San Jose</u> and State of <u>California</u>

have invented certain improvements in

## Platform-Transparent Registration And Build Of Stored Procedures And User-Defined Functions

and executed, respectively, a United States patent application therefor on

(1) <u>10/23/95</u> Date	(2) <u>10/27/95</u> Date	(3) _____ Date
(4) <u>10/25/95</u> Date	(5) <u>10/26/95</u> Date	(6) <u>10/27/95</u> Date

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at SAN JOSE, CA  
on 10/23/95

Paul Chun-Hong Leung  
Paul Chun-Hong Leung

(2) at SAN JOSE, CA  
on 10/27/95

Frederick Thomas Sharp  
Frederick Thomas Sharp

(3) at  
on

\_\_\_\_\_  
David Y. Chen

(4) at SAN JOSE, CA  
on 10/25/95

Judianto Sidik  
Judianto Sidik

(5) at SAN JOSE, CA  
on 10/26/95

John Shek-Luen Ng  
John Shek-Luen Ng

and (6) at San Jose, CA  
on 10/27/95

Morgan Young  
Morgan Young

IBM Docket No. STO-95-012

## ASSIGNMENT

Whereas, we

(1) Paul Chun-Hong Leung  
County of Santa Claraof San Jose  
and State of California(2) Frederick Thomas Sharp  
County of Santa Claraof Menlo Park  
and State of California(3) David Y. Chen  
County of Santa Claraof San Jose  
and State of California(4) Judianto Sidik  
County of Santa Claraof San Jose  
and State of California(5) John Shek-Luen Ng  
County of Santa Claraof San Jose  
and State of Californiaand (6) Morgan Young  
County of Santa Claraof San Jose  
and State of California

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(1) 10/23/95  
Date(2) \_\_\_\_\_ X(3) 10/24/95  
Date Date(4) \_\_\_\_\_  
Date(5) \_\_\_\_\_ (6) \_\_\_\_\_  
Date Date

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Signed

(1) at SAN JOSE, CA  
on 10/23/95

Paul Chun-Hong Leung  
Paul Chun-Hong Leung

(2) at  
on

Frederick Thomas Sharp

X (3) at Beijing, China  
on 10/24/95

X David Y. Chen  
David Y. Chen

(4) at  
on

Judianto Sidik

(5) at  
on

John Shek-Luen Ng

and (6) at  
on

Morgan Young